

CLAIMS

1. A superconducting device (30) having an oxide superconducting wire (1) with an oxide superconductor (2) exhibiting sintering density of at least 93 %.

5

2. The superconducting device (30) according to claim 1, having said oxide superconducting wire (1) with said oxide superconductor (2) exhibiting said sintering density of at least 95 %.

10

3. The superconducting device (30) according to claim 2, having said oxide superconducting wire (1) with said oxide superconductor (2) exhibiting said sintering density of at least 99 %.

15

4. A superconducting cable (30) having an oxide superconducting wire (1) with an oxide superconductor (2) exhibiting sintering density of at least 93 %.

20

5. The superconducting cable (30) according to claim 4, having said oxide superconducting wire (1) with said oxide superconductor (2) exhibiting said sintering density of at least 95 %.

6. The superconducting cable (30) according to claim 5, having said oxide superconducting wire (1) with said oxide superconductor (2) exhibiting said sintering density of at least 99 %.